

FULLER
950 MICHELIN
LAVAL QC H7L 5C1

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	0
		Personal Protection	a
Common / Trade name	FULLER HEAVY DUTY DEGREASER	TDG	Not controlled under TDG (Canada).
WHMIS	D1A, D2A, D2B	PIN	Not applicable.
Code	1585	PG	Not applicable.
Material uses	Industrial applications: General purpose cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethylene glycol monobutyl ether	111-76-2	1-5	Not available.	ORAL (LD50): Acute: 470 mg/kg [Rat]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Diethylene glycol methyl ether	111-77-3	1-5	Not available.	ORAL (LD50): Acute: 5550 mg/kg [Rat].
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	Not available.	ORAL (LD50): Acute: 3030 mg/kg [Rat].
Trisodium nitrilotriacetate monohydrate	18662-53-8	1-5	Not available.	ORAL (LD50): Acute: 1470 mg/kg [Rat].
Diethanolamine	111-42-2	1-5	Not available.	ORAL (LD50): Acute: 710 mg/kg [Rat]. DERMAL (LD50): Acute: 12200 mg/kg [Rabbit].

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. DO NOT use an eye ointment. Seek medical attention.
Skin contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Allow to rest in a well ventilated area. If discomfort persists seek medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.

Section IV. Physical Data

Physical state and appearance	Liquid.	Colour	Blue.
pH (1% soln/water)	Not available.	Odour	Characteristic.
pH (concentrate)	9.5 -11.5	Volatility	Not available.
Boiling point	Weighted average: 113.04°C (235.5°F)	Vapour density	Weighted average: 1.18 (Air = 1)
Specific gravity	1.035 - 1.045 (Water = 1)	Vapour pressure	Weighted average: 3.77 kPa (at 20°C)
Solubility	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.		

Section V. Fire and Explosion Data

The product is	Non-flammable.
Auto-ignition temperature	Not applicable.
Flash points	Not applicable.
Degradation products	Not applicable.
Extinguishing media	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Incompatible with oxidizing agents.

Section VII. Toxicological properties

Route of entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity for animals	See section II

Acute effects Irritating to eyes, respiratory system and skin.MAY BE HARMFUL IF ABSORBED THROUGH SKIN, IF SWALLOWED OR INHALED.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, the nervous system, the reproductive system, liver. Repeated exposure may cause chronic eye and skin irritation.

Section VIII. Preventive measure

Waste disposal Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

Storage Store in a dry, cool and well ventilated area.

Precautions Avoid contact with skin and eyes. DO NOT ingest. Do not breathe gas/fumes/ vapor/spray. Keep out of reach of children. Keep away from incompatibles.

Spill and leak Contain spill by diking. Dilute with water and mop up. Dispose of in accordance with federal, provincial, or local regulations.

Section IX. Personal protective equipment

Gloves Gloves (impervious)

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Safety glasses.

Other Splash goggles, gloves, full suit and boots:are recommended under exceptional circumstances such as fire, spill or for prolonged contactwith bulk quantites.

Eng. controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

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EMERGENCY:CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
